**Unit 13 Map (Organism Form and Function)**

Ms. Ottolini, AP Biology

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| **Topic** | **Learning Target** | **DBA Score** (%) | **Test Score** (%) |
| 1. Development | A. I can describe the role of cytoplasmic determinants and homeotic genes in pattern formation. |  |  |
| B. I can describe the role of apoptosis in morphogenesis. |
| C. I can describe the role of transcription factors, RNA interference, embryonic induction, environmental cues, etc. in cell differentiation. |
| 2. Timing and Coordination | D. I can describe how living organisms respond to environmental cues to coordinate physiological events (ex: photoperiodism in plants, circadian rhythms in animals, and fruiting body formation in fungi) |  |  |
| E. I can describe how the coordination of behaviors in organisms can be an advantage in natural selection. |
| 3. Defense (the Immune System) | F. I can describe the non-specific (innate) responses of both plants and animals to pathogens. |  |  |
| G. I can describe the specific immune response in mammals. |